

AMENDMENTS TO THE CLAIMS

The listing of claims below replace all prior versions, and listings, of claims:

1 1. (Original) A system comprising:
2 an interface to a network;
3 a first operational element to perform one or more tasks in the system;
4 a storage element containing a flag to indicate if a fault has occurred with
5 the first operational element; and
6 a backup device to enable access of the network through the interface in
7 response to the flag indicating failure of the first operational element.

1 2. (Original) The system of claim 1, wherein the first operational element
2 comprises a disk drive.

1 3. (Original) The system of claim 1, wherein the backup device comprises a
2 backup storage element containing a backup routine adapted to perform communications
3 through the interface to the network.

1 4. (Original) The system of claim 3, wherein the backup routine comprises a
2 browser.

1 5. (Original) The system of claim 3, wherein the first operational element
2 comprises a first disk drive, and wherein the backup storage element comprises a second
3 disk drive separate from the first disk drive.

1 6. (Original) The system of claim 5, wherein the second disk drive has a
2 smaller storage capacity than the first disk drive.

1 7. (Original) The system of claim 1, wherein the backup storage element
2 comprises non-volatile memory.

1 8. (Currently Amended) The system of claim 1, wherein the first operational
2 element comprises a disk drive having plural partitions, and wherein the backup device
3 ~~storage element~~ comprises one of the partitions.

1 9. (Original) The system of claim 1, wherein the backup storage element
2 comprises a removable disk drive.

1 10. (Original) The system of claim 1, the backup device to retrieve user data
2 and software over the network to recover the system.

1 11. (Original) The system of claim 1, wherein the first operational element
2 comprises a storage element, the backup device to retrieve an image of the storage
3 element to recover the storage element to its operational state.

1 12. (Previously Presented) A method of performing error recovery in a
2 system, comprising:
3 detecting if an operating portion of the system has experienced a fault;
4 accessing a backup device to enable communication over a network;
5 retrieving data over the network, the data comprising an image containing
6 user data and an operating system; and
7 recovering the system using the image.

1 13. (Original) The method of claim 12, further comprising loading a backup
2 software routine from the backup device.

1 14. (Original) The method of claim 13, wherein the backup software routine
2 comprises a browser, the method further comprising executing the browser to access the
3 network to retrieve the data.

1 15. (Original) The method of claim 13, further comprising executing the
2 backup software routine to access the network.

1 16. (Original) The method of claim 12, wherein retrieving the data comprises
2 retrieving the data from a backup storage system coupled to the network.

1 17. (Cancelled)

1 18. (Currently Amended) A method of performing recovery in a system
2 having a main storage device and a backup storage device, comprising:
3 booting from a backup storage device instead of the main storage device if
4 the system has experienced a fault;
5 using the backup storage device to enable communications over a network
6 to retrieve an image ~~data~~ to recover the system, wherein the image ~~data~~ comprises user
7 data and an operating system.

1 19. (Original) The method of claim 18, further comprising loading a routine
2 from the backup storage device to enable the network communication.

1 20. (Original) The method of claim 19, wherein loading the routine comprises
2 loading a browser.

1 21. - 23. (Cancelled)

1 24. (Previously Presented) The method of claim 12, further comprising:
2 in response to the fault, scanning a storage device to determine portions of
3 the storage device that are defective; and
4 storing the image in portions of the storage device other than the portions
5 that are defective.

1 25. (Previously Presented) The method of claim 12, further comprising:
2 setting a flag in response to detecting the operating portion of the system
3 has experienced a fault; and
4 a BIOS routine to detect whether the flag has been set.

1 26. (Previously Presented) The method of claim 25, further comprising the
2 BIOS routine to access the backup device to load a routine for communicating over the
3 network in response to detecting that the flag has been set.

1 27. (Currently Amended) ~~The article of claim 17~~ An article comprising at
2 least one storage medium containing instructions that when executed cause a system to:
3 detect if an operating portion of the system has experienced a fault;
4 access a backup device to enable communication over a network;
5 retrieve data to recover the system over the network;
6 in response to the fault, scan a storage device to identify portions of the
7 storage device that are defective; and
8 store the retrieved data in portions of the storage device other than the
9 portions that are identified to be defective by the scan,
10 wherein retrieving the data comprises retrieving an image data containing
11 user data and operating system software.

1 28. (Currently Amended) The article of claim 27, ~~wherein the first routine~~
2 ~~comprises a BIOS routine, and~~ wherein the instructions when executed cause the system
3 to:
4 set a flag in response to the fault;
5 load a ~~the~~ BIOS routine to detect whether the flag is set; and
6 cause the BIOS routine to load a ~~the~~ second routine in response to
7 detecting the flag is set.

1 29. (Currently Amended) ~~The system of claim 21~~ A system comprising:
2 a main storage device;
3 a backup storage device;
4 a first routine executable to boot from the backup storage device in case of
5 a system fault,
6 the backup storage device enabling access over a network to retrieve data
7 from a network node to recover the system, and

8 a second routine to identify portions of the main storage device that are
9 defective, and to store the retrieved data in portions of the main storage device that are
10 not defective,

11 wherein the retrieved data comprises an image ~~data~~ containing user data
12 and operating system software.

1 30. (Previously Presented) The system of claim 1, further comprising a BIOS
2 routine to detect a state of the flag, the BIOS routine to access the backup device in
3 response to detecting that the flag indicates the fault.

1 31. (Previously Presented) The system of claim 10, wherein the software
2 comprises operating system software.

1 32. (New) The system of claim 1, wherein the backup device is adapted to
2 retrieve an image containing user data and operating system software over the network in
3 response to the flag.

1 33. (New) The article of claim 27, wherein storing the retrieved data
2 comprises storing the retrieved image containing the user data and operating system
3 software in the portions of the storage device other than the portions that are identified to
4 be defective by the scan.